

2017 Cost of Service Additional Service Water Rates Sch TR-1.Z19.xlsm
12/01/2016

CENTRAL VALLEY PROJECT
SCHEDULE OF WATER RATES FOR ADDITIONAL CVP SERVICES WHEN TRANSFERRING
CVP WATER TO CVP M&I WATER CONTRACTORS
2017 SPECIAL WATER RATES

A		B	C	D	E
		Net Construction Costs at 9/30/2015	Construction with Int. Annualized Costs 50 Years @ 0.022838	50 Year Water Deliveries	50 Year Construction Cost per Acre-Foot
Component / Facility	Ref	<M&I Sch A-4>		<M&I Sch A-7>	(C/D)
Storage					
San Felipe Unit		\$ 6,258,130	\$ 10,560,922	3,833,084	\$2.76
All Other Contractors		\$ 28,250,209	\$ 47,673,704	14,264,394	\$3.34
Total Storage		\$ 34,508,339	\$ 58,234,626		
Conveyance					
Contra Costa Canal System	1/	\$ -	\$ -		-
All Other Contractors		\$ 18,482,654	\$ 31,190,444	9,634,494	\$3.24
Total Conveyance		\$ 18,482,654	\$ 31,190,444		
Conveyance Pumping					
Dos Amigos Pumping Plant					
Construction only		\$ 211,223	\$ 356,449	627,248 3/	\$0.57
PUE only		\$ 457,100	\$ 771,380	637,711	\$1.21
O'Neill P-Generator/Pumping Plant					
Construction only		\$ 1,246,950	\$ 2,104,293	4,512,818	\$0.47
PUE only		\$ 1,435,564	\$ 2,422,589	4,512,818	\$0.54
Jones Pumping Plant					
Friant Kern/Madera					
Construction only	2/	\$ 604,052	\$ 1,019,370	2,466,399 4/	\$0.41
PUE only	2/	\$ 3,112,240	\$ 5,252,068	2,466,399 4/	\$2.13
All Other Contractors					
Construction only	2/	\$ 1,179,365	\$ 1,990,239	4,923,476 1/	\$0.40
PUE only	2/	\$ 6,077,971	\$ 10,256,894	4,923,476 1/	\$2.08
Total Conveyance Pumping		\$ 14,324,464	\$ 24,173,282		

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Direct Pumping					
Bella Vista WD (Wintu PP)		\$ 656,927	\$ 1,108,598	182,258	\$6.08
Colusa County WD Relift PP		\$ 3,595	\$ 6,066	5,029	\$1.21
Contra Costa PP (Contra Costa WD)		\$ 4,365,478	\$ 7,366,973	5,190,750	\$1.42
Kanawha WD		\$ 21	\$ 35	165	\$0.21
Pleasant Valley PP (City of Coalinga)		\$ 39,364	\$ 66,430	265,257	\$0.25
Pleasant Valley WD Canalside Relift PP		\$ 159,685	\$ 269,477	265,257	\$1.02
San Benito County WD			\$ -		
Gianelli, WR PGP		\$ 274,256	\$ 462,822		
Pacheco PP		\$ 164,188	\$ 277,077		
Total San Benito County WD		\$ 438,445	\$ 739,899	150,275	\$4.92
San Luis WD Canalside Relift PP		\$ 101,106	\$ 170,622	56,089	\$3.04
Santa Clara Valley WD					
Coyote PP		\$ 1,158,132	\$ 1,954,408		
Gianelli, WR PGP		\$ 6,720,917	\$ 11,341,899		
Pacheco PP		\$ 4,023,788	\$ 6,790,353		
Total Santa Clara WD		\$ 11,902,837	\$ 20,086,659	3,682,809	\$5.45
Shasta Pumping Plant (City of Shasta Lake)		\$ 558,853	\$ 943,094	100,165	\$9.42
State Delta PP (Cross Valley Canal)		\$ 16,152	\$ 27,258	10,463	\$2.61
Westlands WD Relifts		\$ 602,770	\$ 1,017,205	199,161	\$5.11
Total Direct Pumping		\$ 18,845,234	\$ 31,802,317		
Subtotal		\$ 86,160,691	\$ 145,400,669		
Other Costs					
Deferred Interest Capitalized		\$ 21,277,763	\$ 35,907,337		
Programmatic EIS Capitalized		\$ 3,544,928	\$ 5,982,252		
All others		\$ 4,945,667	\$ 8,346,072		
Total Other Costs		\$ 29,768,359	\$ 50,235,661	18,097,478	\$2.78
Total		\$ 115,929,050	\$ 195,636,330		

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Footnotes:

- 1/ Total Conveyance Pumping for Jones Pumping Plant less Delta Mendota Exchange
2/ Suballocation of Jones Pumping Plant costs:

	Historical & Projected Deliveries (1981-2030) (Sch A-7)	Ratio	M&I Construction Costs at 9/30/2015	Project Use Energy		
				BOR	DOE	Total
Jones Pumping Plant:						
Delta-Mendota Exchange	2,521,078	0.338647	\$604,052	\$1,683,704	\$1,428,536	\$3,112,240
All Other Contractors	4,923,476	0.661353	1,179,669	3,288,148	2,789,823	6,077,971
Total	<u>7,444,554</u>	<u>1.000000</u>	<u>\$1,783,721</u> a/	<u>\$4,971,852</u> a/	<u>\$4,218,359</u> a/	<u>\$9,190,211</u>
a/ Jones Pumping Plant - Conveyance Pumping:						
Total Construction			\$10,973,932	(M&I Sch A-5)		
less: BOR PUE			4,971,852	(M&I Sch A-5)		
less: DOE PUE			4,218,359	(M&I Sch A-5)		
Construction Allocation			<u>\$1,783,721</u>			

- 3/ Cross Valley Canal contractors are charged for PUE construction component only. Therefore their deliveries are not included in determining the "Construction only" rate.
4/ Includes Friant Dam and Friant-Kern Canal